

**Commonwealth of Kentucky  
Division for Air Quality**

**PERMIT APPLICATION SUMMARY FORM**

Completed by: D. Brian Ballard, P.E.

GENERAL INFORMATION:

Name:	Progress Rail Services Corporation
Address:	8587 Railroad Drive Covington, KY 41015
Date application received:	7/22/2003
SIC Code/SIC description:	4789, Transportation Services
Source ID:	21-117-00154
Source A.I. #:	2490
Activity ID:	APE20040001
Permit:	F-07-027

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
<input type="checkbox"/> Administrative	<input type="checkbox"/> Title V
<input type="checkbox"/> Minor	<input checked="" type="checkbox"/> Synthetic minor
<input type="checkbox"/> Significant	<input checked="" type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input checked="" type="checkbox"/> Other: Promulgated CTG RACT
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☐ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☒ Area is non-attainment (list pollutants): Ozone, PM<sub>2.5</sub>

**EMISSIONS SUMMARY:**

Pollutant	Actual (tpy)	Potential (tpy)	Allowable (tpy)
PM/PM <sub>10</sub>	0.737	12.65	N/A
NO <sub>x</sub>	0.239	0.785	N/A
CO	0.032	0.107	N/A
VOC	30.33	258	50
Single HAPs			
Antimony (and Compounds)	0.000026	0.000656	N/A
Arsenic (and Compounds)	0.000015	0.000363	N/A
Beryllium Compounds	0.000002	0.000045	N/A
Cadmium (and Compounds)	0.000000	0.000026	N/A
Chromium Compounds	0.000207	0.003303	N/A
Cobalt (and Compounds)	0.000005	0.000130	N/A
Dibutyl Phthalate	0	7.31	9.0
Ethyl Benzene	0	0.0096	N/A
Glycol Ether	1.84	6.46	9.0
Lead	0.0000132	0.000334	N/A
Manganese (and Compounds)	0.0009	0.0179	N/A
Methyl Isobutyl Ketone	0.5876	1.25	9.0
Methylene Diphenyl Diisocyanate	0.0107	0.0143	N/A
Nickel (and Compounds)	0.0000769	0.0012963	N/A
Selenium (and Compounds)	0.0000259	0.0006476	N/A
Toluene	1.175	2.50	9.0
Source wide HAPs	3.61	17.6	22.5

**SOURCE DESCRIPTION:**

This facility was formerly permitted under permit V-98-038, a Title V / Synthetic Minor permit and is now transitioning to a Conditional Major / Synthetic Minor Permit. The existing shop houses a railcar repainting process consisting of a grit blast booth and spray painting booth. The New Shop houses a cold cleaner degreaser and various insignificant activities. Refer to Statement of Basis for further details.

**EMISSIONS AND OPERATING CAPS DESCRIPTIONS:**

VOC emissions are limited to 50 tons per consecutive 12-month period. Individual and combined HAP emissions are limited to 9 and 22.5 tons respectively per consecutive 12-month period.

**OPERATIONAL FLEXIBILITY:**

The permittee may use any paint system with VOC less than 3.5 lb/gal. The VOC content of a paint system is as-applied including thinners and solvents added. The paint system and clean-up solvent must not violate the 12-month rolling total VOC and HAP emissions limits.